

Converting Colors

CIELCh(84, 29.131, 62.978)

Have a look what the booklet for
CIELCh(84, 29.131, 62.978) contains.

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Color

CIELCh(84, 29.345, 62.694)

Conversions

Conversions Part 1

Format	Color
Hex	FBC7A1
RGB	251, 199, 161
RGB Percent	98%, 78%, 63%
CMY	0.0149, 0.2188, 0.3679
CMYK	0.00, 0.21, 0.36, 0.01
HSL	25°, 92%, 81%
HSV	25°, 36%, 99%
XYZ	66.7779, 64.0658, 42.6528
YIQ	210.2160, 43.1900, -0.7940

Conversions

Conversions Part 2

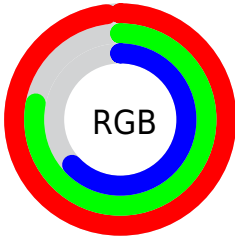
Format	Color
R _Y B	251, 227, 161
Decimal	16500641
CIE Lab	84.00, 13.46, 26.08
CIE LCh	84, 29.345, 62.694
Yxy	64.0658, 0.3849, 0.3693
Android (android.graphics.Color)	4294690721 (0xFFFB7A1)
YUV	210.2160, -24.2635, 35.7676
Hunter-Lab	80.0411, 8.8498, 24.4339

Details

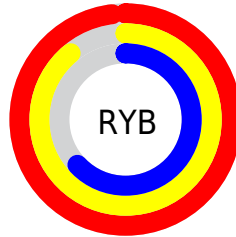
The CIELCh color **84, 29.345, 62.694** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **83, 25.165, 252.131**, and the grayscale version is **84, 0.010, 296.813**.

A 20% lighter version of the original color is **99, 19.713, 108.686**, and **64, 29.424, 62.643** is the 20% darker color. If you saturate the color by 10%, you get **80, 38.710, 61.679**, and if you desaturate by 10%, it is **88, 20.509, 63.747**.

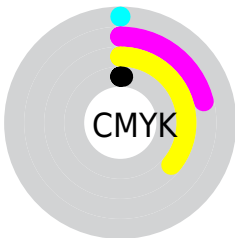
Distribution



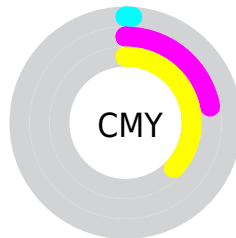
- Red (98%)
- Green (78%)
- Blue (63%)



- Red (98%)
- Yellow (89%)
- Blue (63%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (1%)



- Cyan (1%)
- Magenta (22%)
- Yellow (37%)


Brightness & Saturation Gradients

These gradients show how the CIELCh color 84, 29.345, 62.694 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 84, 29.345, 62.694 by changing the saturation by 10% instead.

 84, 29.345, 62.694

 84, 29.345, 62.694

 100, 29.345,
62.694

 74, 29.345, 62.694

 64, 29.345, 62.694

 54, 29.345, 62.694

 44, 29.345, 62.694

 34, 29.345, 62.694

 24, 29.345, 62.694

 14, 29.345, 62.694

 4, 29.345, 62.694

 0, 29.345, 62.694

84, 29.345, 62.694

84, 29.345, 62.694

80, 38.710, 61.679

88, 20.509, 63.747

76, 48.563, 60.682

92, 12.192, 64.806

73, 58.756, 59.675

96, 4.357, 65.817

69, 68.922, 58.566

100, 1.317,
199.825

66, 78.284, 57.129

63, 85.522, 54.947

62, 87.956, 53.895

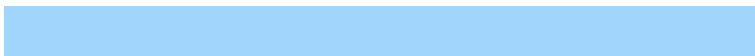
Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



84, 29.345, 62.694



83, 25.165, 252.131

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



84, 29.345, 62.694



84, 29.345, 112.694



84, 29.345, 242.694



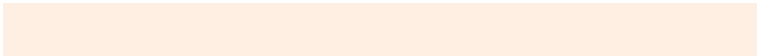
84, 29.345, 292.694

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



84, 29.345, 62.701



95, 8.450, 65.311



77, 42.542, 342.562



50, 5.701, 65.170



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



84, 29.345, 62.701



82, 36.447, 61.962



95, 41.740, 102.808



50, 4.276, 65.465



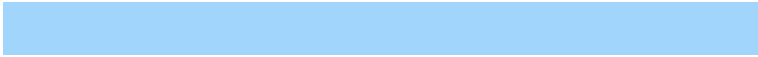
48, 70.560, 54.594



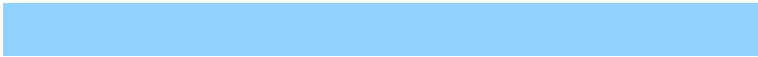
14, 26.098, 53.958

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



83, 25.165, 252.131



81, 30.159, 253.785



71, 45.001, 291.560



50, 4.131, 247.759



45, 49.222, 275.391



13, 20.013, 267.931

Previews

White Background



This preview shows how the CIELCh color 84, 29.345, 62.694 looks on a white background.

Color Contrast Check

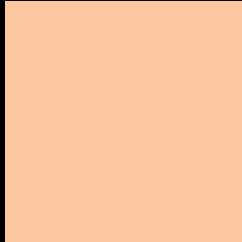
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 84, 29.345, 62.694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 84, 29.345, 62.694

Background



This preview shows how black text looks on a background with the CIELCh color 84, 29.345, 62.694.

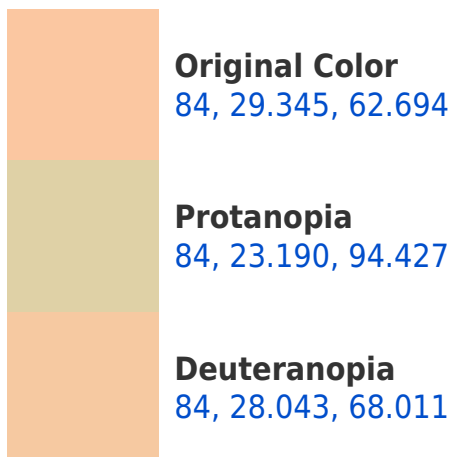


This preview shows how white text looks on a background with the CIELCh color 84, 29.345, 62.694.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

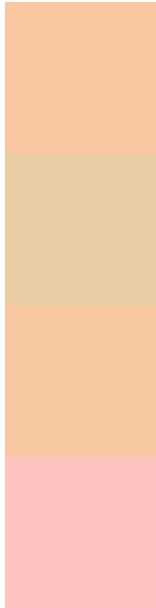
Dichromacy





Tritanopia
84, 24.393, 2.722

Trichromacy



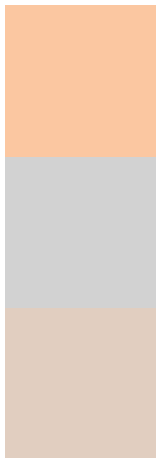
Original Color
84, 29.345, 62.694

Protanomaly
84, 24.340, 80.989

Deuteranomaly
84, 28.514, 65.578

Tritanomaly
84, 22.888, 26.361

Monochromacy



Original Color
84, 29.345, 62.694

Achromatopsia
84, 0.010, 296.813

Achromatomaly
84, 10.295, 65.166

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 84, 29.345, 62.694 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(251, 199, 161)` looks like.

```
.text, #text, p{  
    color:rgb(251, 199, 161)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(251, 199, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 199, 161) }
```

Border

The CSS property to change the border of an element to CIELCh 84, 29.345, 62.694 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(251, 199, 161) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(251, 199, 161) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(251, 199, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 199, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 199, 161);  
box-shadow:4px 4px 4px 4px rgb(251, 199,  
161) }
```

Background

The CSS property to change the background color of an element to CIELCh 84, 29.345, 62.694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 199, 161) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(251,  
199, 161) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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